इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी मंत्रालय
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY

विज्ञान एवं प्रौद्योगिकी विभाग
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Powering the Future

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Accelerating India's Mobility Revolution with High-Performance Computing (HPC)

SCI 2025

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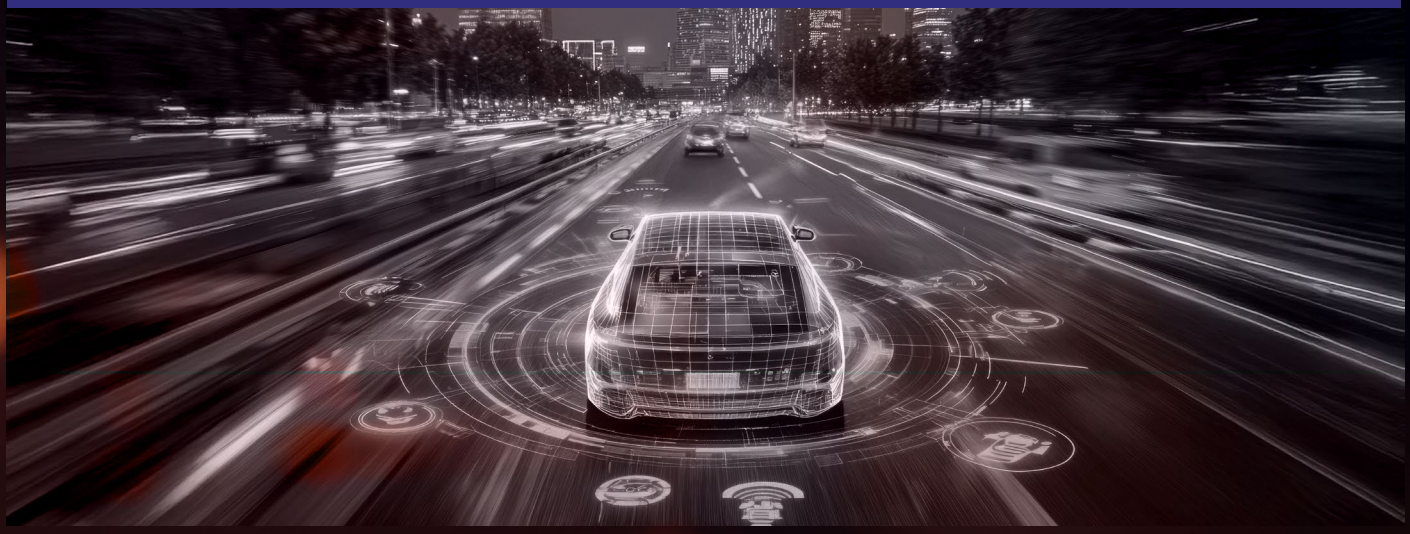
AUTOMOBILE AND MOBILITY INDUSTRIES



SECTORAL MISSION ALIGNMENT

Empowering automotive advancement through HPC

Pioneering the integration of HPC, AI, and quantum computing to revolutionize India's mobility ecosystem.

SHOWCASE AUTOMOTIVE INNOVATION

Demonstrate next-generation breakthroughs in electric mobility, smart vehicles, and sustainable transport.

Highlight leadership in simulation-driven design, predictive analytics, and manufacturing excellence.

CRITICAL INDUSTRY APPLICATIONS

- Harness cutting-edge technologies to drive the future of mobility.
- Rapid Prototyping & Simulation for Vehicle Safety, Crash Testing, and Aerodynamics.
- Smart Mobility & Connected Vehicles.
- Supply Chain & Manufacturing Optimization.
- Environmental Sustainability & Green Technologies.
- Deliver faster innovation cycles, improved safety, and measurable business outcomes.

STRENGTHEN INDUSTRY PARTNERSHIPS

- **Create new bridges across automotive OEMs, tech innovators, and research bodies.**
- **Foster collaboration to propel India's mobility transformation, from EVs to autonomous vehicles.**

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General Queries: sci@cdac.in

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